## IN THE SPECIFICATION

Please amend the portions of the Specification identified below to read as indicated herein.

**Paragraph starting at page 4, line 30:**

According to the invention, this object is solved by a microlithography projection objective for short wavelengths, preferably ≤193 nm, which comprises an entrance pupil and an exit pupil for imaging an object field in an image field, which represents the segment of a ring field, wherein the segment has an axis of symmetry and an extension perpendicular to the axis of symmetry and the extension is at least 20, but preferably 25 mm, as well as a first, a second, a third, a fourth, a fifth and a sixth mirror in a centered arrangement relative to an optical axis, wherein each of these mirrors has an off-axis segment, in which the light beams impinge, which have been guided through the projection objective, and the diameter of the off-axis segment of the first, second, third, fourth, fifth and sixth mirrors is ≤ 1200 mm*NA, preferably ≤ 300 ~~nm~~ mm, depending on the numerical aperture NA at the exit pupil, whereby the numerical aperture NA at the exit pupil of the objective according to the invention is greater than 0.1, preferably greater than 0.2, and most preferably greater than 0.23.  In the present application, the numerical aperture at the exit pupil is understood to be the numerical aperture of the beam bundle impinging the image plane, the so-called image-side numerical aperture.

**Paragraph starting at page 7, line 4:**

The distance of the mirror vertex along the optical axis from the fourth to the first mirror (S4 S1), relative to the distance of the second to the first mirror (S2 S1) advantageously lies in the range:

$$0.1 < (S4\ S1) / (S2\ S1) < 0.9$$

and the distance from the third to the ~~second~~ fourth mirror ~~(S2 S3)~~ (S3 S4) relative to the distance from the ~~fourth~~ second to the third mirror ~~(S4 S3)~~ (S2 S3) is preferably in the range:

$$0.3 < (S3\ S4) / (S2\ S3) < 0.9.$$

**Page 8, at line 32, please insert the following new paragraph:**

In another configuration, the second mirror (S2) to the sixth mirror (S6) are configured in the sequence: concave – convex – concave – convex – concave.